

**Table 9. Volatile Organic Compounds (µg/L)\* in the Blood of the People  
Living in the United States and People Living in Churchill County, Nevada**

| VOCs) <sup>†</sup>           | United States                                      |                                | Churchill County                                   |   |
|------------------------------|--|--------------------------------|--|---|
|                              | Arithmetic Mean<br>from NHANES<br>III <sup>‡</sup> | 95 <sup>th</sup><br>Percentile | Arithmetic<br>Mean of Total<br>Study<br>Population | % > U.S. 95 <sup>th</sup><br>percentile |
| <b>1,1,1-Trichloroethane</b> | 0.34   | 0.8                            | 0.04   | 0.0                                     |
| <b>1,4-Dichlorobenzene</b>   | 1.9  | 9.2                            | 0.2  | 0.0                                     |
| <b>2,5-Dimethylfuran</b>     | Smokers = 0.14<br>Nonsmokers =<br>0.024            | NA <sup>§</sup>                | Smokers = 0.1<br>Nonsmokers =<br>0.02              | Could not calculate                     |
| <b>Benzene</b>               | 0.13   | 0.48                           | 0.11   | 1.0                                     |
| <b>Carbon tetrachloride</b>  | NC <sup>  </sup>                                   | NC                             | NC   | 0.0                                     |
| <b>Ethylbenzene</b>          | 0.11   | 0.25                           | 0.07   | 2.0                                     |
| <b>m-/p-Xylene</b>           | 0.37   | 0.78                           | 0.32   | 2.0                                     |
| <b>o-Xylene</b>              | 0.14   | 0.28                           | 0.08   | 2.0                                     |
| <b>Styrene</b>               | 0.074  | 0.18                           | 0.1  | 8.0                                     |
| <b>Tetrachloroethylene</b>   | 0.19   | 0.62                           | 0.3  | 4.0                                     |
| <b>Toluene</b>               | 0.52   | 1.5                            | 0.33   | 1.0                                     |
| <b>Trichloroethylene</b>     | 0.017  | 0.021                          | 0.01   | 5.0                                     |

\* Micrograms per liter

† Volatile Organic Compounds.

‡ VOC data were not reported in the *Second National Report on Human Exposure to Environmental Chemicals*, 2003.

§ Not available. The 95<sup>th</sup> percentile for this VOC was not reported in the study we used as a reference.

|| Not Calculated was used when less than 60% of the study population had detectable levels of this chemical.